

- For indoor LED applications
- Can be used for installation in lights or as Independent LED-driver
- For luminaires of protection class I and protection class II



Model	HW03-12VE15	HW03-24VE15	HW03-12VF20	HW03-24VF20	HW03-12VH20	HW03-24VH20
Item number	1761	11762	11774	11775	11802	11803
Input voltage	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V
Input frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Power factor	0.5	0.5	0.5	0.5	0.5	0.5
Efficiency	81 %	82 %	82 %	83 %	82 %	83 %
Dimmable	No	No	No	No	No	No
Constant current mode	Current	-	-	-	-	-
	Voltage (DC)	-	-	-	-	-
Constant voltage mode	Current (max.)	1.25 A	625 mA	1.66 A	833 mA	1.66 A
	Voltage (DC)	12 V	24 V	12 V	24 V	12 V
Output power (max.)	15 W	15 W	20 W	20 W	20 W	20 W
Idle voltage (max.) ¹⁾	13 V	25 V	13 V	25 V	13 V	25 V
Ambient temperature t_a	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C
Case temperature t_c (max.)	85 °C	85 °C	85 °C	85 °C	85 °C	85 °C
Dimension (LxWxH)	122 x 39 x 18 mm	122 x 39 x 18 mm	126 x 42.5 x 21.5 mm	126 x 42.5 x 21.5 mm	76 x 49 x 25 mm	76 x 49 x 25 mm
Case type	E	E	F	F	H	H
Weight	64 g	65 g	80 g	82 g	79 g	77 g

¹⁾ The drivers are not approved for idle operation.

Model	HW03-12VG30	HW03-300C12	HW03-300F22	HW03-300H22	HW03-12VA04	HW03-350C04
Item number	11798	11750	11780	11806	11723	11747
Input voltage	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V
Input frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Power factor	0.9	0.5	0.9	0.9	0.5	0.5
Efficiency	85 %	80 %	84 %	84 %	65 %	65 %
Dimmable	No	No	No	No	No	No
Constant current mode	Current	-	300 mA	300 mA	300 mA	350 mA
	Voltage (DC)	-	25 - 40 V	45 - 73 V	45 - 73 V	5 - 10.5 V
Constant voltage mode	Current (max.)	2.5 A	-	-	-	330 mA
	Voltage (DC)	12 V	-	-	-	12 V
Output power (max.)	30 W	12 W	22 W	22 W	4 W	3,6 W
Idle voltage (max.) ¹⁾	13 V	50 V	80 V	80 V	13 V	13 V
Ambient temperature t_a	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C
Case temperature t_c (max.)	85 °C	85 °C	85 °C	85 °C	80 °C	80 °C
Dimension (LxWxH)	137 x 42.5 x 29.5 mm	80 x 38 x 22.5 mm	126 x 42.5 x 21.5 mm	76 x 49 x 25 mm	52,3 x 27,3 x 21,4 mm	80 x 38 x 22.5 mm
Case type	G	C	F	H	A	C
Weight	138 g	52 g	99 g	87 g	42 g	44 g

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Model		HW03-350C07	HW03-350B10	HW03-350E12SDA	HW03-350E18SDA	HW03-350E15	HW03-350G30
Item number		11739	11728	13481	13513	11766	11790
Input voltage		100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V
Input frequency		50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Power factor		0,5	0,5	0,8	0,8	0,5	0,9
Efficiency		77 %	80 %	82 %	82 %	83 %	87 %
Dimmable		No	No	No	No	No	No
Constant current mode	Current	350 mA	350 mA	350 mA	350 mA	350 mA	350 mA
	Voltage (DC)	10 - 20 V	15 - 30 V	25 - 34 V	35 - 52 V	22 - 42 V	50 - 85 V
Constant voltage mode	Current (max.)	-	-	-	-	-	-
	Voltage (DC)	-	-	-	-	-	-
Output power (max.)		7 W	10 W	12 W	18 W	15 W	30 W
Idle voltage (max.) ¹⁾		25 V	35 V	50 V	60 V	45 V	95 V
Ambient temperature t_a		-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C
Case temperature t_c (max.)		85 °C	85 °C	85 °C	85 °C	85 °C	85 °C
Dimension (LxWxH)		80 x 38 x 22.5 mm	52 x 52 x 23 mm	122 x 39 x 18 mm	122 x 39 x 18 mm	122 x 39 x 18 mm	137 x 42.5 x 29.5 mm
Case type		C	B	E	E	E	G
Weight		46 g	53 g	68 g	71 g	67 g	122 g

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Model		HW03-450F22	HW03-450G30	HW03-500B10	HW03-500C12	HW03-500E15	HW03-500SL17
Item number		11783	11792	11731	11754	11769	13506
Input voltage		100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V
Input frequency		50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Power factor		0,9	0,9	0,5	0,5	0,5	0,9
Efficiency		84 %	87 %	79 %	79 %	82 %	83 %
Dimmable		No	No	No	No	No	No
Constant current mode	Current	450 mA	450 mA	500 mA	500 mA	500 mA	500 mA
	Voltage (DC)	28 - 48 V	40 - 66 V	10 - 20 V	12 - 24 V	15 - 30 V	26 - 34 V
Constant voltage mode	Current (max.)	-	-	-	-	-	-
	Voltage (DC)	-	-	-	-	-	-
Output power (max.)		22 W	30 W	10 W	12 W	15 W	17 W
Idle voltage (max.) ¹⁾		55 V	75 V	25 V	30 V	34 V	42 V
Ambient temperature t_a		-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C
Case temperature t_c (max.)		85 °C	85 °C	85 °C	85 °C	85 °C	75 °C
Dimension (LxWxH)		126 x 42.5 x 21.5 mm	137 x 42.5 x 29.5 mm	52 x 52 x 23 mm	80 x 38 x 22.5 mm	122 x 39 x 18 mm	287 x 21 x 18.5 mm
Case type		F	G	B	C	E	SL (lang)
Weight		94 g	123 g	48 g	55 g	66 g	89 g

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Model		HW03-500F22SD	HW03-500SL22SD	HW03-500G30	HW03-500SL30SDA	HW03-600B10	HW03-600C12
Item number		13511	13514	13744	13517	11733	11756
Input voltage		100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V
Input frequency		50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Power factor		0,85	0,9	0,9	0,9	0,5	0,5
Efficiency		86 %	86 %	87 %	87 %	78 %	78 %
Dimmable		Ja	Ja	Nein	Ja	Nein	Nein
Constant current mode	Current	500 mA	500 mA	500 mA	500 mA	600 mA	600 mA
	Voltage (DC)	26 - 44 V	35 - 44 V	36 - 60 V	36 - 60 V	8 - 16 V	10 - 20 V
Constant voltage mode	Current (max.)	-	-	-	-	-	-
	Voltage (DC)	-	-	-	-	-	-
Output power (max.)		22 W	22 W	30 W	30 W	10 W	12 W
Idle voltage (max.) ¹⁾		58 V	52 V	70 V	68 V	20 V	24 V
Ambient temperature t_a		-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C
Case temperature t_c (max.)		85 °C	75 °C	85 °C	85 °C	85 °C	85 °C
Dimension (LxWxH)		126 x 42.5 x 21.5 mm	287 x 21 x 18.5 mm	137 x 42.5 x 29.5 mm	160 x 57 x 18 mm	52 x 52 x 23 mm	80 x 38 x 22.5 mm
Case type		F	SL (lang)	G	SL	B	C
Weight		99 g	93 g	119 g	124 g	52 g	56 g

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Model	HW03-600E15	HW03-600H22	HW03-700A03	HW03-700C07	HW03-700B10	HW03-700C12
Item number	11771	11812	11722	11746	11735	11758
Input voltage	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V
Input frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Power factor	0.5	0.9	0.5	0.5	0.5	0.5
Efficiency	82 %	84 %	68 %	75 %	78 %	78 %
Dimmable	Nein	Nein	Nein	Nein	Nein	Nein
Constant current mode	Current	600 mA	600 mA	700 mA	700 mA	700 mA
	Voltage (DC)	11 - 25 V	22 - 36 V	2 - 4 V	5 - 11 V	6 - 14 V
Constant voltage mode	Current (max.)	-	-	500 mA	580 mA	-
	Voltage (DC)	-	-	6 V	12 V	-
Output power (max.)	15 W	22 W	3 W	7 W	10 W	12 W
Idle voltage (max.) ¹⁾	30 V	42 V	7 V	13 V	18 V	20 V
Ambient temperature t_a	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C
Case temperature t_c (max.)	85 °C	85 °C	80 °C	85 °C	85 °C	85 °C
Dimension (LxWxH)	122 x 39 x 18 mm	76 x 49 x 25 mm	52,3 x 27,3 x 21,4 mm	80 x 38 x 22,5 mm	52 x 52 x 23 mm	80 x 38 x 22,5 mm
Case type	E	H	A	C	B	C
Weight	67 g	84 g	41 g	55 g	52 g	56 g

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Model	HW03-700E15	HW03-700F22	HW03-700G30	HW03-700P60SD	HW03-1000C12	HW03-1000E12
Item number	11773	11788	11797	13362	11759	11760
Input voltage	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V
Input frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50-60 Hz	50-60 Hz
Power factor	0.5	0.9	0.9	0.9	0.5	0.5
Efficiency	82 %	84 %	86 %	88 %	78 %	78 %
Dimmable	Nein	Nein	Nein	Ja	Nein	Nein
Constant current mode	Current	700 mA	700 mA	700 mA	2x 700 mA	1,0 A
	Voltage (DC)	9 - 21 V	16 - 32 V	25 - 42 V	2x 25 - 42 V	6 - 10,5 V
Constant voltage mode	Current (max.)	-	-	-	1,0 A	1,0 A
	Voltage (DC)	-	-	-	-	12 V
Output power (max.)	15 W	22 W	30 W	2x 30W	12 W	12 W
Idle voltage (max.) ¹⁾	25 V	35 V	50 V	50 V	13 V	13 V
Ambient temperature t_a	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	-20 ... +50 °C	13 V
Case temperature t_c (max.)	85 °C	85 °C	85 °C	85 °C	85 °C	85 °C
Dimension (LxWxH)	122 x 39 x 18 mm	126 x 42,5 x 21,5 mm	137 x 42,5 x 29,5 mm	164 x 48 x 28,5 mm	80 x 38 x 22,5 mm	122 x 39 x 18 mm
Case type	E	F	G	P	C	E
Weight	66 g	98 g	117 g	202 g	59 g	66 g

¹⁾ The drivers are not approved for idle operation.

Model	HW03-1050G42SD	HW03-1050P60SDA
Item number	13483	13741
Input voltage	100 - 240 V	100 - 240 V
Input frequency	50 - 60 Hz	50 - 60 Hz
Power factor	0,9	0,9
Efficiency	88 %	88 %
Dimmable	Ja	Ja
Constant current mode	Current	1.05 A
	Voltage (DC)	28 - 42 V
Constant voltage mode	Current (max.)	-
	Voltage (DC)	-
Output power (max.)	42 W	60 W
Idle voltage (max.) ¹⁾	50 V	68 V
Ambient temperature t_a	-20 ... +50 °C	-20 ... +50 °C
Case temperature t_c (max.)	85 °C	85 °C
Dimension (LxWxH)	137 x 42,5 x 29,5 mm	164 x 48 x 28,5 mm
Case type	G	P
Weight	147 g	195 g

¹⁾ The drivers are not approved for idle operation.

<p>A</p>	<p>B</p>
<p>C</p>	<p>E</p>
<p>F</p>	<p>G</p>
<p>H</p>	<p>P</p>
<p>SL</p>	<p>SL (lang)</p>